

Title (en)

Traffic reducing on data migration

Title (de)

Verkehrsverringierung bei Datenmigration

Title (fr)

Réduction de trafic sur la migration de données

Publication

EP 2660705 A2 20131106 (EN)

Application

EP 12194082 A 20121123

Priority

US 201213461150 A 20120501

Abstract (en)

Exemplary embodiments provide a technique to reduce the traffic between storage devices during data migration. In one embodiment, a system comprises a plurality of storage systems (100a, 100b) which are operable to migrate a set of primary and secondary volumes (110a, 111 a, 110b, 111 b) between the storage systems (100a, 100b) by managing and copying, between the storage systems (100a, 100b), a plurality of same data and a plurality of difference data between the primary and secondary volumes (110a, 111 a, 110b, 111 b) and location information of each of the plurality of difference data, the location information identifying a location of the difference data in the primary or secondary volume (110a, 111 a, 110b, 111 b) associated with the difference data. Each secondary volume (110b, 111 b) which corresponds to a primary volume (110a, 111 a), if said each source secondary volume (110b, 111 b) contains data, has a same data as the primary volume (110a, 111 a) and, if said each secondary volume (110b, 111 b) is not synchronized with the primary volume (110a, 111 a), further has a difference data with respect to the primary volume (110a, 111 a).

IPC 8 full level

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CPC (source: EP US)

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Citation (applicant)

US 7991860 B2 20110802 - OTANI TOSHIO [US]

Cited by

US2023259495A1; WO2023180821A1

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